

March 29, 2019

Summary of Sampling Results for Non-Fluorinated Organic Compounds
(through March 25, 2019)

Surface Water Sampling:

EPA is conducting surface water sampling during the ITC response. The surface water samples are collected from multiple locations in Buffalo Bayou and the San Jacinto River. The surface water samples are analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), chemical oxygen demand (COD), and oil & grease. The results from the sampling event were compared to the Texas Commission on Environmental Quality (TCEQ) Surface Water Quality Standards (WQS), or to TCEQ Texas Risk Reduction Program surface water protective concentration levels (PCLs), if a WQS was not available for a chemical. On March 21, 2019, the surface water sample collected at the confluence of Tucker Bayou and Buffalo Bayou (BB-02) exceeded the PCLs for oil and grease, naphthalene, benzene and total xylenes. On March 25, 2019, the surface water sample collected on Buffalo Bayou at the Battleship Texas (BB-05) exceeded the PCL for oil and grease.